

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-20 (cancelled).

21. (Currently amended) Installation for filtration of water by membranes, the installation comprising a main raw water inlet, a connection to a drain, an outlet of produced water, the membranes being immersed in a filtration volume filled with water to be filtered, whose height of water above the membranes is adapted to create a differential pressure sufficient to provoke the filtration through the membranes, wherein the membranes are of fibre with outer skin substantially disposed in a U-shape, whose two open ends are located ~~at the bottom~~ downward, potting being carried out at the low point of the membranes,

wherein the membranes are disposed in cylindrical containers thus forming modules, each said module comprising a raw water feed pipe connected to a top section of the module.

22. (Previously presented) Installation according to Claim 21, wherein the potting of the two ends of a same membrane is carried out at the same point.

23. (Previously presented) Installation according to Claim 21, wherein a maximum pressure difference created in the filtration volume is approximately 0.6 bar.

24. (Previously presented) Installation according to Claim 23, wherein a nominal pressure difference in the filtration volume is between 0.4 and 0.5 bar.

25. (Cancelled)

26. (Previously presented) Installation according to Claim 21, wherein the membrane area of each module is substantially 125 m².

27. (Previously presented) Installation according to Claim 26, wherein the modules are cylindrical containers substantially having a diameter of 30 cm and a length of 80 cm.

28. (Previously presented) Installation according to Claim 21, wherein the modules are disposed substantially at a bottom of a basin.

29. (Currently amended) Installation according to Claim 28, wherein the modules are gathered in groups around a filtration collector ~~of~~ for the water coming from the filtration, to which the modules are connected.

30. (Previously presented) Installation according to Claim 29, wherein each said group comprises two substantially parallel lines of 10 modules.

31. (Previously presented) Installation according to Claim 21, wherein the modules are disposed substantially vertically.

32. (Previously presented) Installation according to Claim 31, wherein the raw water feed pipes have free ends located substantially at mid-height of a filtration basin.

33. (Currently amended) Installation according to Claim 32, wherein the feed pipes are, at the free ends, oriented downwards, and wherein the installation further comprises evacuation channels located under the ends of the feed pipes, the ~~said~~ channels being connected to a drainage valve discharging into the drain.

34. (Currently amended) Installation according to Claim 29, wherein each said collector comprises a valve separating the collector from a transfer path of the ~~produced~~ filtered water to a produced water outlet valve and a storage.

35. (Previously presented) Installation according to Claim 34, further comprising a line for re-injection of produced water into the transfer path upstream of the produced water outlet valve and a re-injection pump located on the line.

36. (Previously presented) Installation according to Claim 35, further comprising a station for injection of chlorine and a station for injection of soda discharging into the re-injection line.

37. (Currently amended) Installation according to Claim 21, wherein the membrane modules are disposed at ~~the~~ a bottom of a dry compartment, and wherein the modules are fed by gravity with water to be filtered by closed pipes, said pipes also serving for conveying backwashing water.

38. (Previously presented) Method of filtration of water by immersed membranes, of the ultrafiltration membrane type, the filtration through the membranes being carried out using, as a source of differential pressure, the height of water present in the basin in which the membranes are immersed and are of the fibre type with outer skin, potted at the low point of the said membranes,

wherein the membranes are disposed in cylindrical containers thus forming modules, each module comprising a raw water feed pipe connected to the top section of the module.

39. (Previously presented) Method of rehabilitation of an existing water purification unit of the so-called sand basin type, comprising a basin provided with a bottom floor, an intermediate floor on which the sand bed stands, a raw water inlet, wherein comprising stages of removal of the sand bed, of destruction

of the intermediate floor, of installation of at least one intermediate channel for the evacuation of washing sludges located substantially at mid-height of the filtration basin and closed by a valve discharging into the drain, of installation on the bottom floor of a series of membrane ultrafiltration modules, the membranes being of the fibre type with outer skin potted at their low point, disposed in containers and the operating pressure of these membranes being created by the height of raw water stored in the basin above these membranes.

40. (Previously presented) Method of rehabilitation according to Claim 39, wherein it further comprises a phase of testing the integrity of the membranes of a group comprising the following stages:

- closing the produced water valve of a collector,
- injection of compressed air into the collector of the group,
- emptying by reverse filtration ("permeation") of the water contained on the permeate side,
- stopping the compressed air supply,
- measuring the pressure drop.

41. (Previously presented) Installation according to Claim 22, wherein the maximum pressure difference created in the filtration volume is approximately 0.6 bar.

42. (Previously presented) Installation according to Claim 26, wherein the modules are disposed substantially at the bottom of a basin.

43. (Previously presented) Installation according to Claim 27, wherein the modules are disposed substantially at the bottom of a basin.

44. (Previously presented) Installation according to Claim 26, wherein the modules are disposed substantially vertically.

45. (Previously presented) Installation according to Claim 27, wherein the modules are disposed substantially vertically.

46. (Previously presented) Installation according to Claim 28, wherein the modules are disposed substantially vertically.

47. (Previously presented) Installation according to Claim 29, wherein the modules are disposed substantially vertically.

48. (Previously presented) Installation according to Claim 30, wherein the modules are disposed substantially vertically.